

SERVER-SIDE IMPLEMENTATION OF A CRYPTOGRAPHIC SYSTEM

Abstract of the Disclosure

The invention is a secure server, or trust engine, having server-centric keys, or in other words, storing cryptographic keys and user authentication data on a server. Users
5 access cryptographic functionality through network access to the trust engine; however, the trust engine does not release actual cryptographic keys or other authentication data. Therefore, the system provides that the keys and data remain secure. The server-centric storage of keys and authentication data provides for user-independent security, portability, availability, and straightforwardness, along with a wide variety of
10 implementation possibilities.

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